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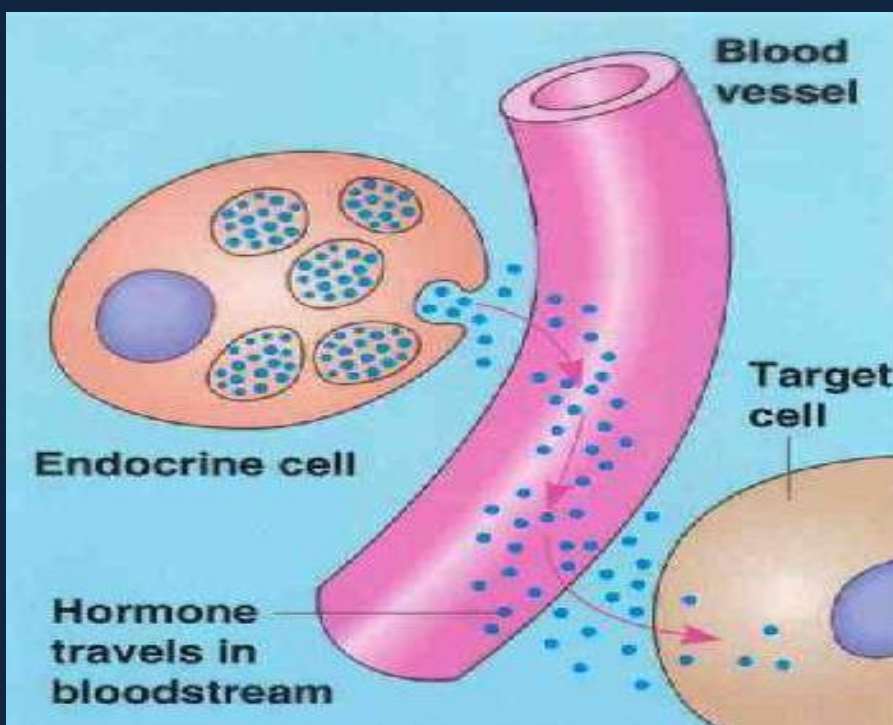
*"Un bon croquis vaut
mieux qu'un long discours"*
Napoléon Bonaparte

Les perturbateurs Endocriniens



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Principe de la communication endocrinienne



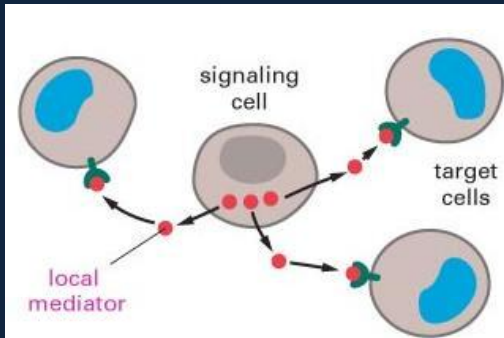


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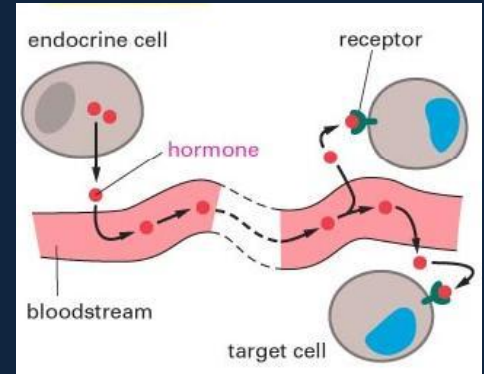
"Un bon croquis vaut
mieux qu'un long discours"
Napoléon Bonaparte

Évolution des mécanismes de signalisation

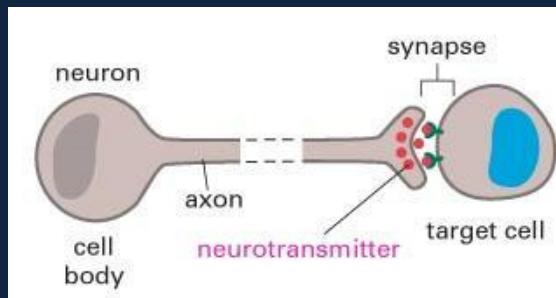
Paracrine



endocrine



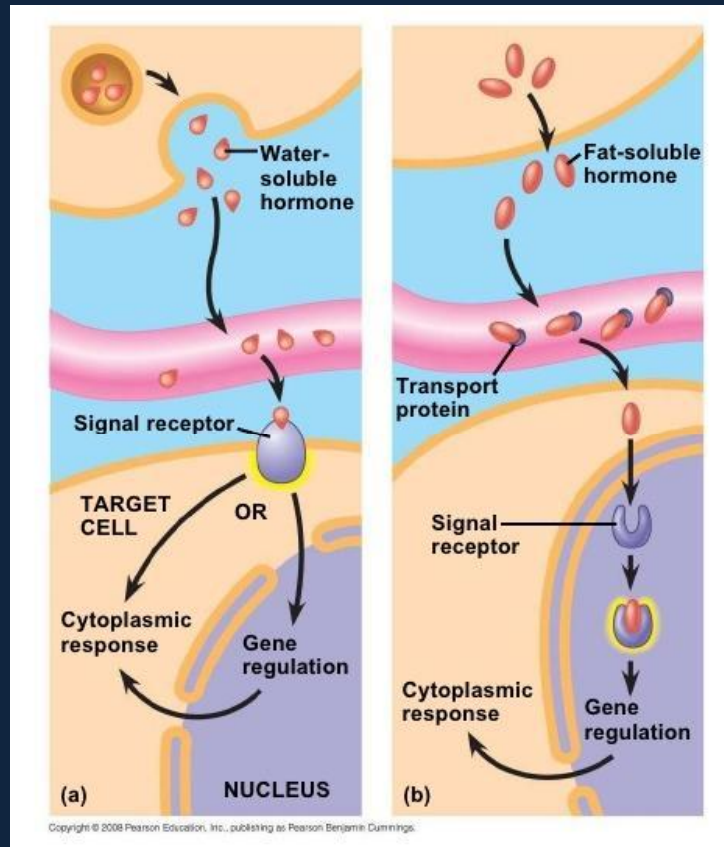
neurocrine



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Les 2 modes
de
signalisation
Cellulaire :

To be
or
Not to be
Water soluble



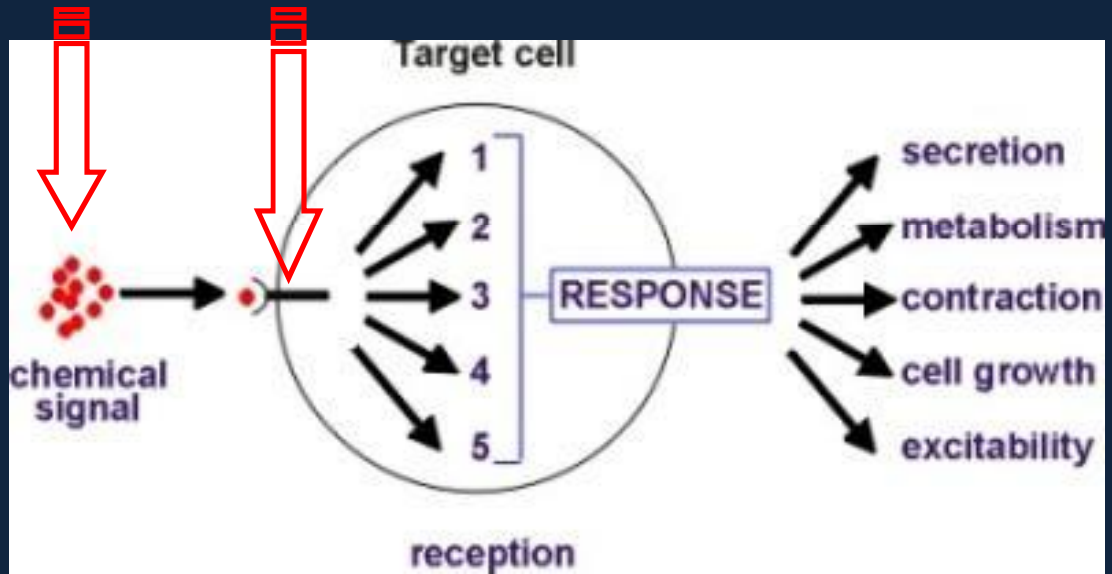
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"Un bon croquis vaut
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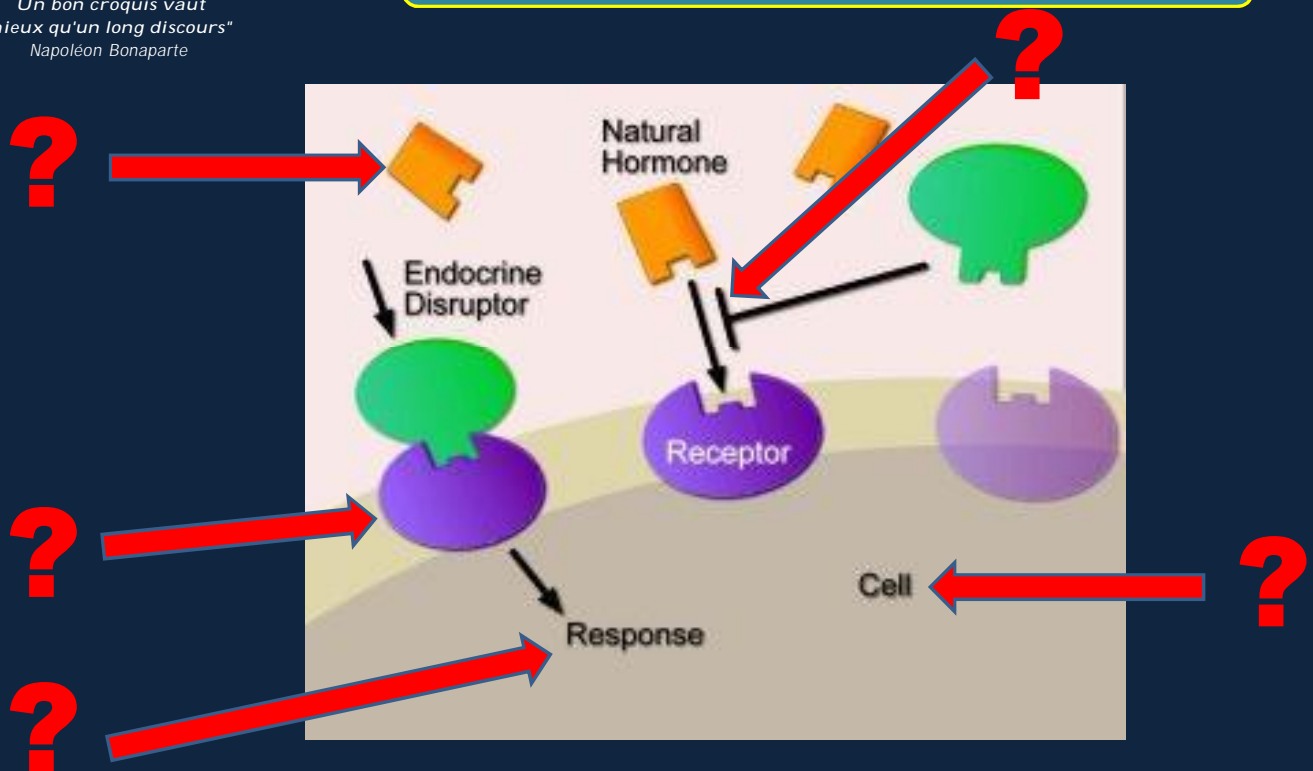
Principe de signalisation cellulaire



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"Un bon croquis vaut
mieux qu'un long discours"
Napoléon Bonaparte

Principe de la perturbation endocrinienne





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De la Caricature à la Réalité ...



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"Un bon croquis vaut
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Possibles ...

... Et de la Réalité
à la
Présomption

SHAMPOO
AVERAGE NUMBER OF CHEMICALS: 15
MOST WORRYING: Sodium Lauryl Sulphate; Tetrasodium and Propylene Glycol.
POSSIBLE SIDE-EFFECTS: Irritation; possible eye damage.

EYE SHADOW
CHEMICALS: 26
MOST WORRYING: Polyethylene terephthalate.
POSSIBLE SIDE-EFFECTS: Linked to cancer; infertility; hormonal disruptions and damage to the body's organs.

LIPSTICK
CHEMICALS: 33
MOST WORRYING: Polymethyl methacrylate.
POSSIBLE SIDE-EFFECTS: Allergies; links to cancer.

NAIL VARNISH
CHEMICALS: 31
MOST WORRYING: Phthalates.
POSSIBLE SIDE-EFFECTS: Linked to fertility issues and problems in developing babies.

PERFUME
CHEMICALS: 250
MOST WORRYING: Benzaldehyde.
POSSIBLE SIDE-EFFECTS: Irritation to mouth, throat and eyes; nausea; linked to kidney damage.

FAKE TAN
CHEMICALS: 22
MOST WORRYING: Ethylparaben, Methylparaben, Propylparaben.
POSSIBLE SIDE-EFFECTS: Rashes; irritation; hormonal disruption.

HAIRSPRAY
AVERAGE NUMBER OF CHEMICALS: 11
MOST WORRYING: Octinoxate, Isophthalates.
POSSIBLE SIDE-EFFECTS: Allergies; irritation to eyes, nose and throat; hormone disruption, linked to changes in cell structure.

BLUSHER
CHEMICALS: 16
MOST WORRYING: Ethylparabens, Methylparaben, Propylparaben.
POSSIBLE SIDE-EFFECTS: Rashes; irritation; hormonal disruptions.

FOUNDATION
CHEMICALS: 24
MOST WORRYING: Polymethyl methacrylate.
POSSIBLE SIDE-EFFECTS: Allergies; disrupts immune system; links to cancer.

DEODORANT
CHEMICALS: 13
MOST WORRYING: Isopropyl Myristate, "Parfum".
POSSIBLE SIDE-EFFECTS: Irritation of skin, eyes and lungs; headaches; dizziness; respiratory problems.

BODY LOTION
CHEMICALS: 32
MOST WORRYING: Methylparaben, Propylparaben, Polyethylene Glycol, which is also found in oven cleaners.
POSSIBLE SIDE-EFFECTS: Rashes; irritation; hormonal disruption.